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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: USSN: 10/590,245  
Jun Takada  
Our Docket: 20166

Dear Sirs:

The Filing Receipt for the above-identified patent application does not include the Assignment for Published Patent Application. It should read as follows:

**Assignment for Published Patent Application**  
**NEC Corporation, Tokyo, Japan**

as indicated on the enclosed pages. Please make the corrections and send us a corrected Filing Receipt.

Very truly yours,

Scully, Scott, Murphy & Presser, P.C.

SSM&P/tw  
Encl.



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/590,245	08/22/2006	2624	3350	20166	36	10

23389  
 SCULLY SCOTT MURPHY & PRESSER, PC  
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 GARDEN CITY, NY 11530

CONFIRMATION NO. 6746

## FILING RECEIPT



\*OC000000023337867\*

Date Mailed: 04/12/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Jun Takada, Tokyo, JAPAN;

**Power of Attorney:** The patent practitioners associated with Customer Number 23389.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/19604 12/28/2004

## Foreign Applications

JAPAN 2004-045659 02/23/2004  
 JAPAN 2004-324875 11/09/2004

If Required, Foreign Filing License Granted: 04/11/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/590,245**

Projected Publication Date: 07/19/2007

Non-Publication Request: No

Early Publication Request: No

**Title**

2-Dimensional signal encoding/decoding method and device

**Preliminary Class**

382

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Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

20166

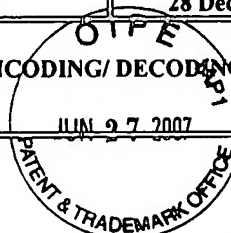
U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

Unassigned

INTERNATIONAL APPLICATION NO.  
PCT/JP2004/019604INTERNATIONAL FILING DATE  
28 December 2004 (28.12.2004)PRIORITY DATE CLAIMED  
23 February 2004 (23.02.2004) <sup>®</sup>

TITLE OF INVENTION

2-DIMENSIONAL SIGNAL ENCODING/ DECODING METHOD AND DEVICE

APPLICANT(S) FOR DO/EO/US  
Jun TAKADA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☒ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 894910945 US

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>Unassigned</b>	INTERNATIONAL APPLICATION NO. <b>PCT/JP2004/019604</b>	ATTORNEY'S DOCKET NUMBER <b>20166</b>
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23. Other items or information:  
 \* Continuation of the Priority Date Claimed: 9 November 2004 (9.11. 2004)  
 Twenty-six (26) sheets of drawings  
 Assignee: NEC Corporation  
 Tokyo, Japan

The following fees have been submitted:	CALCULATIONS	PTO USE												
24. <input checked="" type="checkbox"/> Basic national fee . . . . . \$300	\$ 300.00													
25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) . . . \$0 All other situations. . . . . \$200	\$ 200.00													
26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) . . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. . . . . \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. . . . . \$400 All other situations. . . . . \$500	\$ 400.00													
<b>TOTAL OF 24, 25 and 26 =</b>	<b>\$ 900.00</b>													
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(i)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof (round up to a whole)</th> <th>RATE</th> </tr> <tr> <td>115 - 100 =</td> <td>15 /50 =</td> <td>1</td> <td>x \$250.00</td> </tr> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE	115 - 100 =	15 /50 =	1	x \$250.00	\$ 250.00					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE											
115 - 100 =	15 /50 =	1	x \$250.00											
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).	\$													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> <tr> <td>Total claims</td> <td>36 - 20 =</td> <td>16</td> <td>x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td>10 - 3 =</td> <td>7</td> <td>x \$200.00</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	36 - 20 =	16	x \$50.00	Independent claims	10 - 3 =	7	x \$200.00	\$ 800.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE											
Total claims	36 - 20 =	16	x \$50.00											
Independent claims	10 - 3 =	7	x \$200.00											
Independent claims	\$ 1,400.00													
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00	\$ 0.00													
<b>TOTAL OF ABOVE CALCULATIONS =</b>	<b>\$ 3,350.00</b>													
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.	\$ 0.00													
<b>SUBTOTAL =</b>	<b>\$ 3,350.00</b>													
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).	\$ 0.00													
<b>TOTAL NATIONAL FEE =</b>	<b>\$ 3,350.00</b>													
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +	\$ 0.00													
<b>TOTAL FEES ENCLOSED =</b>	<b>\$ 3,350.00</b>													
	Amount to be	\$												
	Amount to be	\$												